STATE OF CALIFORNIA
GEORGE DEUKMEJIAN, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—
LOS ANGELES REGION

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LOS ANGELES, CALIFORNIA 90012–4596
(213) 620-4460

October 22, 1987

Mr. Eugene Palic
Ocean Technology, Inc.
2835 North Naomi Street
Burbank, CA 91504

WORK PLAN REVIEW AND REVISION (FILE NO. AB104.0793)

On September 11, 1987, we received the Brown and Caldwell (BC) work plan for a site investigation at the Ocean Technology, Inc. (OTI) facility.

After phone conversations with Mr. Steve Pratt of BC on September 28, 1987 and meeting with yourself, Mr. Tom Mulvaney, and Mr. Pratt on October 7, 1987, it was agreed that the original work plan required further clarification and/or revision before approval could be granted.

On October 13, 1987, your facility was inspected by Mr. Dave Bacharowski and Mr. Dainis Kleinbergs of this Board's staff. At that time, no additional problems requiring AB1803 subsurface investigation were found at your facility. The work plan can now commence, given that the work is completed as specified by the site investigation work plan and that the following points are complied with in addition to the original work plan:

1. Soil materials excavated from the tank removal operation and currently stockpiled onsite may be used as backfill to provide a base for drilling operations. Prior to backfilling, a synthetic liner must be placed within the excavation to separate these materials from soils in the bottom of the excavation. Soils used for backfill will have to be addressed as part of any later required onsite clean-up.

2. The sampler and brass tubes used for collecting soil samples should be cleaned with a steam cleaner between each soil sampling location. Since a steam cleaner will already be on site for the cleaning of the hollow-stem auger, it should be readily available for the sampler and brass tubes.

3. Soil sample analysis must strictly adhere to the maximum allowable holding time specified for the EPA methods employed.

4. Chain-of-custody forms must include not only custody of sampler and transporter, but also storage--location, temperature, duration--if the samples are stored overnight or longer.

5. Since the investigation is for assessment purposes, all soil samples will require laboratory analysis. It is important to determine the horizontal and vertical contamination of the vadose zone. Discrete, undisturbed samples will be taken, sealed, and transported to the laboratory for analysis.

6. Soil samples will be required every five feet from all three bore holes. Laboratory analysis of soil samples must meet EPA practical quantitation limits of 5-10 ppb. The following EPA methods will be required for the identified boring:

   - BC1 soil samples are to be analyzed by EPA Method 8240 or 8010/8020(expanded), and EPA Method 418.1 for Total Petroleum Hydrocarbons.

   - BC2 and BC3 soil samples are to be analyzed by EPA method 8240 or 8010/8020(expanded).

7. The position of BC3 test boring will need to be moved as close as possible to the drain to allow full 360 degree sampling containment.

8. A general area map must be submitted, showing OTI properties and the location of any groundwater production wells within one-half mile radius of the facility to be used to determine the groundwater gradient beneath the OTI site. Also to be included are the general specifications of the wells--identification, diameter, water depth (static and pumping), screen size, screen depth, construction, contamination levels--to be used for the OTI "groundwater monitoring" program.

A final report containing all the results of your Site Assessment Work Plan is due to this Regional Board by December 1, 1987.

The Board requires you to notify us seven days prior to sampling. A representative may be on site during part of the sampling and may request split samples.

If during the investigation you find that changes are necessary,

immediately notify Dainis Kleinbergs or another AB1803 staff member. Follow this with a letter describing the change(s), the justification for the change, and any problems encountered relating to this change. All changes must be approved by staff.

Should you have any further questions, contact Dainis Kleinbergs at (213)620-3680.

ROY SAKAIDA
Senior Water Resources
Control Engineer

cc: Steve Pratt, Brown and Caldwell
Carl Sjoberg, Los Angeles County Department of Public Works
Ofori Amoa, Los Angeles County Department of Public Works

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